



PLACER COUNTY DEPARTMENT OF FACILITY SERVICES SEWER SERVICE REQUIREMENTS

SEWER SERVICE CONNECTIONS

Most sewer service connections fall into one of three categories:

- No service pipe available;
- Service pipe available without cleanout;
- Service pipe available with cleanout.

A description of each of these is as follows:

NO SERVICE PIPE AVAILABLE

In some instances, there is no 4-inch service stub available for connection. In that case, the owner must tap the main collector sewer (often in the street) and install a new 4" service line.

The contractor doing the tap must carry a \$2,500 performance bond with Placer County and sign the sewer connection permit at the time of its issuance or file a letter with the Department of Facility Services stating he/she is doing that specific connection. The tap is then made by removing a section of the main sewer line and installing a wye connection with shear couplings. The pipe material used for the wye and all piping up to the property line must be the same as that of the mainline sewer. The 4" service line is then run from the lateral to the property line or easement line. At that location a 4" x 4" wye and a long sweep bend with a vertical cleanout riser are constructed as shown on the attached drawing and described under "CLEANOUT" below.

Service connection to trunk sewers, pipes 10" in diameter or larger, must be connected into a manhole. Connection into manholes must have approved type water stops on the outside of the pipe. Where a drop connection is allowed, schedule 40 PVC with solvent welded joints must be used and extended outside of manhole. This work must be done by a Bonded Plumber as noted above. When a manhole is not available one must be constructed. Inspection of the construction of a new service sewer will be done by the Department of Facility Services, Environmental Engineering Division (see Inspections below). All other inspections noted below are provided by the Building Department.

SERVICE AVAILABLE WITHOUT CLEANOUT

Many times a sewer service is available to a parcel, but it does not have the required cleanout at the property or easement line. A Bonded Plumber is not required, but it is the owner's responsibility to construct a cleanout at the property or easement line. The cleanout shall be constructed as under "CLEANOUT" below using the same material as the existing service pipe.

SERVICE AVAILABLE WITH CLEANOUT

In most major subdivisions, sewer service is available to parcels by 4" service lines with a pre-constructed cleanout. In this case, a bonded plumber is not required and an owner has only to connect to the 4" stub located at the bottom of the riser, not to the riser.

ADDITIONAL REQUIREMENTS

CLEANOUT

A completed cleanout must be as per the enclosed drawing and as follows:

SERVICE LINE

The 4" service line from the collector sewer to the property line must be the same material as the collector sewer.

WYE:

The 4" x 4" wye must be the same material as the existing collector sewer line.

RISER:

The 4" riser must be constructed using the same material as the service line and must have a long sweep bend with a vertical clean out riser.

It also must have:

1. A **glued on threaded** PVC cap.
2. A **concrete** box must be placed over all cleanouts.
3. All boxes must have **metal** lids.
4. The lids to the box must say **SEWER**.

Note: In a few cases the existing sewer pipes are made of Asbestos Cement Pipe (ACP). In those cases a different type of sewer pipe may be approved by the Department of Facility Services.

INSPECTIONS

Two inspections will be made. First, as noted above, the Facility Services Department will inspect all connections made to a collector sewer, and the construction of a new service line and cleanout up to the property or easement line. For such an inspection **call (530) 886-4905 - 48 hours ahead**. Leave all trenches open until the inspection has been made. All couplings (Fernco, Calder, etc.) must be torqued to 60 in. lbs. All solvent welded joints must use proper glue as required by the manufacturer. Safe access (shoring, ladders, etc.) must be provided for the inspector when the trench is greater than 5 feet deep.

Once the new sewer service is constructed or if one is already available (99% of the time), the connection to that service and the construction of the private service line up to the structure will be **inspected by the Building Department** in accordance with the plumbing code. No person need be present; but the owner's copy of the Sanitary Sewer Permit must be posted at the job site along with the building permit. When everything is complete and backfilled, a second inspection will be made to check the placement of the concrete boxes, metal lids, threaded caps, and bubbler when necessary.

PIPE TESTING

The building service from the property or easement line to the structure will be tested and inspected by the Building Department. It is recommended a testing tee be constructed just upstream from the cleanout on the 4" service line. (See Drawing). When finished, the tee can be sealed. The water test must be signed off by the Building Department.

WATER ENTERING THE SEWER

During construction no ground water or surface water is allowed to enter the sewer. The only exception to this is clean water used for testing the service line. It is the owner's responsibility to dispose of water in the trench in a proper way other than into the sewer. **Violation of the Ordinance is a misdemeanor punishable by a \$200 fine and imprisonment of up to 90 days.**

BUBBLER REQUIREMENTS

All service connections should be checked for the need of a bubbler. This is a device that prevents sewage from backing up into a home if the mainline sewer were to plug. See attachment.

IMPORTANT NOTICE - regarding your house service line:

Houses that have floor elevations lower than the lid of the first manhole upstream from their connection to the sewer shall have a bubbler installed in the line between the house and the sewer. (See Sketch.) A bubbler is a simple device that allows wastewater to run out on the ground, instead of backing up into the house if there is a mainline stoppage. The bubbler shall be added to the line between the sewer and the house on one of the required cleanouts.

The possibility of a sewer stoppage is slight, however the addition of this bubbler unit is required to insure against a backup in the building.

